

# Optical Cable Specifications

## Cable Description

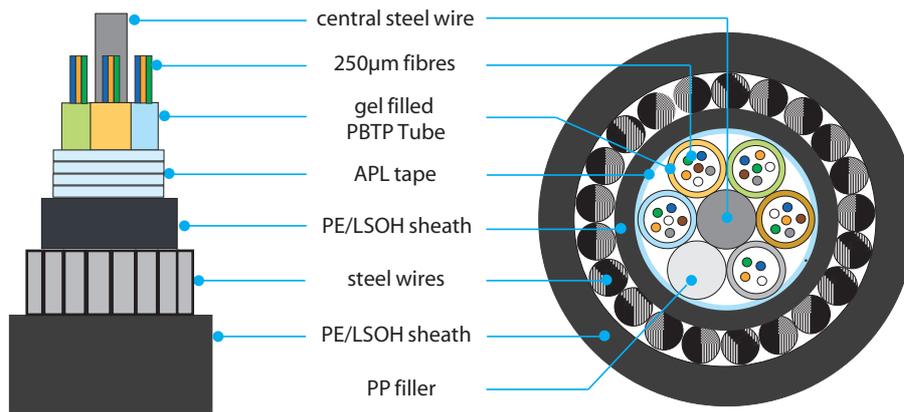
Steel wire armoured optical cable, gel filled stranded loose tube, central steel wire strength member with APL tape, double sheath

## Applications

Direct burial

### Cable designs

Outer sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH) 2mm thick
Armouring :	galvanised steel wires, 1.5mm OD, 26 pcs
Water barrier :	Aluminum Polethylene Laminate (APL) tape, 0.15mm
Inner sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH)
Loose tube :	PBTP, 5 or 6 units
Central strength member :	galvanised steel wire, 1.6mm OD
Filler :	Polypropylene (PP) for low fibre count
Fibre :	250µm fibres



### Cable characteristics

	OSW-CA15
Number of fibres (n)	2-72
Outer diameter (mm)	15
Weight (kg/km)	500
Minimum bend radius (mm)	150
Tensile resistance (N)	6000
Crush resistance (N)	3000
Operating temperature (°C)	-40 to +70

### Additional technical information

Optical fibres :	Refer to OCT fibre specifications for details
Standard continuous length :	Multiple of 1 km up to 6km
Standard cable colour :	Black (other colours on request for 10 km and over)
Standard cable marking :	OCT, cable reference, metre marking, production date (other markings on request for 10 km and over)

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